

**Table H3. Industrial Biomass Energy Consumption and Electricity Net Generation by Primary Purpose of Business and Energy Source for MECS Benchmark, 2002**

Industry	Energy Source	Code	Biomass Energy Consumption (Trillion Btus)			Net Generation (Million Kilowatthours)	
			Total	For Electricity	For Useful Thermal Output		
Total			1,564.557	481.501	1,083.056	30,747	
Agriculture, Forestry and Mining	Total		11.336	3.126	8.210	205	
	Agricultural Byproducts/Crops	AB	11.238	3.072	8.166	200	
	Other Biomass Gases	OBG	0.098	0.054	0.043	5	
Manufacturing Food and Kindred Products	Total		1,459.892	469.893	989.998	29,809	
	Total		42.592	7.219	35.373	221	
	Agricultural Byproducts/Crops	AB	36.000	4.200	31.800	25	
	Other Biomass Gases	OBG	0.529	0.154	0.375	20	
	Other Biomass Liquids	OBL	0.143	0.142	0.001	11	
	Other Biomass Solids	OBS	3.228	2.055	1.174	108	
	Tires	TI	0.303	0.090	0.213	8	
	Wood/Wood Waste Solids	WDS	2.389	0.579	1.810	48	
	Total		209.151	17.066	192.084	1,389	
Lumber	Sludge Waste	SLW	*	*	*	**	
	Wood/Wood Waste Liquids	WDL	0.151	0.151	-	7	
	Wood/Wood Waste Solids	WDS	209.000	16.916	192.084	1,382	
	Total		1,180.634	444.004	736.630	28,057	
	Agricultural Byproducts/Crops	AB	1.000	-	1.000	-	
Paper and Allied Products	Black Liquor	BL	820.000	301.345	518.655	18,653	
	Landfill Gas	LG	0.159	0.056	0.103	3	
	Municipal Solid Waste	MSW	2.484	0.613	1.870	122	
	Other Biomass Liquids	OBL	0.223	0.091	0.132	8	
	Other Biomass Solids	OBS	0.432	0.274	0.158	39	
	Sludge Waste	SLW	9.459	3.965	5.494	269	
	Tires	TI	7.167	1.863	5.303	192	
	Wood/Wood Waste Liquids	WDL	18.711	5.829	12.882	412	
	Wood/Wood Waste Solids	WDS	321.000	129.968	191.032	8,358	
	Total		3.449	0.720	2.729	36	
	Chemicals and Allied Products	Municipal Solid Waste	MSW	1.273	0.101	1.172	9
		Other Biomass Liquids	OBL	0.190	0.031	0.158	3
		Other Biomass Solids	OBS	*	*	*	**
Sludge Waste		SLW	0.173	0.040	0.133	5	
Wood/Wood Waste Solids		WDS	1.813	0.547	1.266	19	
Other a	Total		24.066	0.884	23.182	106	
Nonspecified b	Total		93.330	8.482	84.848	733	
	Black Liquor	BL	4.897	4.897	-	460	
	Landfill Gas	LG	78.000	-	78.000	-	
	Municipal Solid Waste	MSW	4.650	-	4.650	-	
	Wood/Wood Waste Liquids	WDL	1.456	0.490	0.965	53	
	Wood/Wood Waste Solids	WDS	4.328	3.095	1.233	220	

**a Other includes Apparel; Petroleum Refining; Rubber and Misc. Plastic Products; Transportation Equipment; Stone, Clay, Glass, and Concrete Products; Furniture and Fixtures; and related industries.**

**b Primary purpose of business is not specified.**

- = Not Applicable.

\* = Less than 500 million Btu.

\*\* = Less than 500 thousand kilowatthours.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration, Form EIA-846(A,B,C), "Manufacturing Energy Consumption Survey (MECS);" Form EIA-906, "Power Plant Report," Government Advisory Associates, Resource Recovery Yearbook and Methane Recovery Yearbook; and analysis conducted by the Energy Information Administration, Office of Coal, Nuclear, Electric and Alternate Fuels.